

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A lamp reflector having a substrate prepared by injection molding a bulk molding compound comprising a matrix resin mainly comprising an unsaturated polyester resin and glass fiber as an inorganic filler, the bulk molding compound further comprising hollow glass spheres as an additional inorganic filler in an amount of 10 to 40% by volume based on the bulk molding compound, wherein:

the bulk molding compound has a total inorganic filler content in a volume ratio of 1.0 to 2.5 to the matrix resin; and

the hollow glass spheres have an average diameter of 15 to 45 µm.

2. (Cancelled)

3. (Cancelled)

4. (New) A lamp reflector according to claim 1, wherein the hollow glass spheres have a pressure strength of at least 40 MPa.

5. (New) A lamp reflector according to claim 1, wherein the hollow glass spheres are made of chemically stable insoluble glass.

6. (New) A headlight for a vehicle, comprising a lamp shell, a front lens, a light source, and a reflector, the reflector comprising:

a substrate comprising a mixture of unsaturated polyester resin, glass fiber, and hollow glass spheres in the amount of 10 to 40% by volume of the substrate; and

a reflective coating on an outer surface of the substrate facing the light source, wherein:
the glass fiber and hollow glass spheres comprise inorganic filler;
the substrate has a total inorganic filler content in a volume ratio of 1.0 to 2.5 to the polyester resin; and

the hollow glass spheres have an average diameter of 15 to 45 μm .

7. (New) The headlight according to claim 6, wherein the hollow glass spheres have a pressure strength of at least 40 MPa.

8. (New) The headlight according to claim 6, wherein the hollow glass spheres are made of chemically stable insoluble glass.

9. (New) A headlight for a vehicle, comprising a lamp shell, a front lens, a light source, and a reflector, the reflector comprising:

a substrate comprising a mixture of unsaturated polyester resin, glass fiber, and hollow glass spheres in the amount of 10 to 40% by volume of the substrate; and

a reflective coating on an outer surface of the substrate facing the light source, wherein:

the glass fiber and hollow glass spheres comprise inorganic filler;

the substrate has a total inorganic filler content in a volume ratio of 1.0 to 2.5 to the polyester resin; and

the hollow glass spheres have an average diameter of 70 μm or smaller.

10. (New) A lamp reflector according to claim 9, wherein the hollow glass spheres have a pressure strength of at least 40 MPa.

11. (New) A lamp reflector according to claim 9, wherein the hollow glass spheres are made of chemically stable insoluble glass.